

46277

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	
	:	
Takumi HATSUDA et al.	:	Group Art Unit: 1713
	:	
Serial No.: <i>Divisional of 09/945,812</i>	:	Examiner: D. Wilson
	:	
Filed: <i>Herewith</i>	:	
	:	
For: WATER-ABSORBENT RESIN AND	:	
PRODUCTION PROCESS THEREFOR	:	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

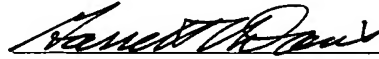
Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, attached is a completed PTO-1449 listing disclosures regarding the subject application. Applicants request that they be considered and made of record in the subject application pursuant to MPEP § 609.

Copies of these disclosures were previously submitted and/or cited in application Serial No. 09/945,812, filed September 5, 2001, which is parent to the subject application. Accordingly, copies of these disclosures are not submitted herewith per 37 C.F.R. § 1.98(d). Applicant notes that application Serial No. 09/945,812 is relied upon for an earlier filing date under 35 U.S.C. § 120.

Prompt examination on the merits is respectfully requested.

Respectfully submitted,



Garrett V. Davis

Reg. No. 32,023

Roylance, Abrams, Berdo & Goodman, L.L.P.
1300 19th Street, N.W., Suite 600
Washington, D.C. 20036
(202) 659-9076

Dated: January 27, 2004

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	ATTY. DOCKET NO. 46277	SERIAL NO. Div. Appln. of SN 09/945,812
	APPLICANT Takumi HATSUDA et al.	
	FILING DATE Herewith	GROUP 1713

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 4 2 2 4 0 5	6/1995	DAIROKU et al.	525	384	
	6 0 7 1 9 7 6	6/2000	DAIROKU et al.	521	50	
	4 7 3 4 4 7 8	3/1988	TSUBAKIMOTO et al.	527	300	
	5 3 6 9 1 4 8	11/1994	TAKAHASHI et al.	523	315	
	3 6 6 1 8 1 5	5/1972	SMITH	260	17.4	
	4 0 7 6 6 6 3	2/1978	MASUDA et al.	260	17.4	
	4 6 6 6 9 8 3	5/1987	TSUBAKIMOTO et al.	525	119	
	4 5 4 1 8 7 1	9/1985	OBAYASHI et al.	106	197.2	
	5 1 4 7 3 4 3	9/1992	KELLENBERGER	604	368	
	5 6 0 1 5 4 2	2/1997	MELIUS et al.	604	368	
	5 5 9 7 8 7 3	1/1997	CHAMBERS et al.	525	330.1	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	6 1 8 4 3 2 0	7/1994	Japan				X
	9 2 3 5 3 7 8	9/1997	Japan				X
1	1 3 4 9 6 2 5	12/1999	Japan			X (Abstract)	
	4 2 4 6 4 0 3	9/1992	Japan			X (Abstract)	
6	1 1 0 1 5 3 6	5/1986	Japan				X

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
----------	-----------------

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)										ATTY. DOCKET NO. 46277					SERIAL NO. Div. Appln. of SN 09/945,812				
										APPLICANT Takumi HATSUDA et al.									
										FILING DATE Herewith					GROUP 1713				

U.S. PATENT DOCUMENTS														
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		6	1	2	7	4	5	4						
		6	1	2	7	4	5	4	10/2000	WADA et al.	523	200		
		5	7	6	0	0	8	0	6/1998	WADA et al.	524	559		
		6	1	8	4	4	3	3	2/2001	HARADA et al.	604	372		

FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		9	1	1	7	2	0	0					YES	NO
		9	1	1	7	2	0	0	11/1991	PCT				X
	1	1	2	6	7	5	0	0	10/1999	Japan			X (Abstract)	
		4	9	4	3	3	9	5	11/1974	Japan				X
	5	1	1	2	5	4	6	8	11/1976	Japan				X
		5	2	1	4	6	8	9	2/1977	Japan			X (Abstract)	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)	

EXAMINER	DATE CONSIDERED
----------	-----------------

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	ATTY. DOCKET NO. 46277	SERIAL NO. Div. Appln. of SN 09/945,812
	APPLICANT Takumi HATSUDA et al.	
	FILING DATE Herewith	GROUP 1713

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
5 3 1 5 9 5 9	5/1978	Japan			X (Abstract)
5 5 8 4 3 0 4	6/1980	Japan			X (Abstract)
5 8 1 8 0 2 3 3	10/1983	Japan			
5 9 1 8 9 1 0 3	10/1984	Japan			
6 1 1 6 9 0 3	1/1986	Japan			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	ATTY. DOCKET NO. 46277	SERIAL NO. Div. Appln. of SN 09/945,812
	APPLICANT Takumi HATSUDA et al.	
	FILING DATE Herewith	GROUP 1713

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
		6 1 4 8 5 2 1	10/1986	Japan			X (Abstract)
		6 0 1 8 6 9 0	5/1985	Japan			
		5 2 0 0 0 6 8	8/1993	Japan			X
		0 5 3 2 0 0 2	3/1993	EPO			
		6 2 5 4 1 1 8	9/1994	Japan			X

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
----------	-----------------

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	ATTY. DOCKET NO. 46277	SERIAL NO. Div. Appln. of SN 09/945,812
	APPLICANT Takumi HATSUDA et al.	
	FILING DATE Herewith	GROUP 1713

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	1	0 5 0 0 7 1 2	1/1998	Japan				X
	1	0 2 6 5 5 8 2	10/1998	Japan				X
		2 9 1 8 8 0 7	4/1999	Japan				X
		2 9 1 8 8 0 8	4/1999	Japan				X
		1 1 6 0 9 7 5	3/1999	Japan				X

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	ATTY. DOCKET NO. 46277 APPLICANT Takumi HATSUDA et al. FILING DATE Herewith	SERIAL NO. Div. Appln. of SN 09/945,812 GROUP 1713
---	--	---

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
		9 2 0 8 5 1 5	8/1997	Japan			X (Abstract)
		7 8 2 2 1 0	3/1995	Japan			X (Abstract)
		6 5 6 9 3 1	3/1994	Japan			X (Abstract)
		4 6 6 5 1 5	12/1971	Japan			X (Passage)

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
----------	-----------------

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	ATTY. DOCKET NO. 46277	SERIAL NO. Div. Appln. of SN 09/945,812
	APPLICANT Takumi HATSUDA et al.	
	FILING DATE Herewith	GROUP 1713

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
0 9 4 2 0 1 4	9/1999	EPO			
6 3 1 3 0 4 3	11/1994	Japan			X (Abstract)
0 4 2 4 6 4 0 3	9/1992	Japan			(Abstract)

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
----------	-----------------

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO <div style="text-align: center;"> INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> </div>				Complete if Known	
				Application Number	Div. Appln. of SN 09/945,812
				Filing Date	Herewith
				First Named Inventor	Takumi HATSUDA
				Art Unit	1713
				Examiner Name	
				Attorney Docket Number	46277
Sheet	8	of	9		

[illegible][illegible]

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publishers, city and/or country where published	T

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

